Substitute Form PTO-1449 (Modified) Information U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 05918-117001

March 14, 2001

Application No. 09/808,395

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

Applicant K. Theodor Krantz et al.

Filing Date

Group Art Unit

37**38/**FR §1.98(b)

1900				U.S. Pate	nt Documents			
	Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
-	yr.	AA	679,918	8/6/1901	E. C. Shears	Class	Jubilass	ii Appropriate
	1	AB	697,637	4/15/1902	J. E. Lee	\	 	
		AC	1,920,808	5/10/1930	E. Sander			
		AD	2,004,959	6/18/1935	L. H. Morin et al.		/	
		AE	2,026,904	1/7/1936	L. H. Morin et al.			
		AF	2,170,421	8/22/1939	L. H. Morin et al.			
		AG	2,367,690	1/23/1945	E. H. Purdy		1	
		AH	2,913,803	11/24/1959	F. D. Dodds			
		AI	3,000,384	9/19/1961	E. F. Piers, Jr.	1		
		AJ	3,026,874	3/27/1962	R. C. Stevens			
		AK	3,113,803	12/10/1963	Struble et al.			
		AL	3,152,381	10/13/1964	A. U. Priester, Jr. et al.		\	
		AM	3,194,234	7/13/1965	S. Duckman et al.		Y	
		AN	3,214,323	10/26/1965	G. D. Russell et al.		Λ	
	1	AO	3,235,438	2/15/1966	R. Wisotzky			
		AP	3,322,325	8/8/1967	M. M. Schimmel			
		AQ	3,334,626	3/12/1968	R. V. Mathison			
11		AR	3,387,345	6/11/1968	Savoir			
		AS	3,341,386	9/12/1967	W. L. White et al.			
		AT	3,347,735	5/6/1969	C. Steinman			
		AU	3,555,630	1/19/1971	Wylde			
		AV	3,372,444	3/12/1968	R. V. Mathison			
		AW	3,442,270	5/6/1969	C. Steinman			
		AX	3,464,094	9/2/1969	J. K. Mates			
		AY	3,520,306	7/14/1970	J. H. Gardner et al.			
	518	AZ	3,594,863	7/27/1971	George H. Erb			
2		BA	3,594,865	7/27/1971	George H. Erb			

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Date Considered

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(37 **(37** §1.98(b))

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MA			U.S. Pate	nt Documents			-
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
2600	BB	3,608,035	9/21/1971	Frohlich		/	
	BC	3,665,921	5/30/1972	R. J. Stumpf			
	BD	3,665,922	5/30/1972	Skora			
	BE	3,674,618	7/4/1972	D. C. Spann			
	BF	3,683,921	8/15/1972	Brooks et al.			
	BG	3,694,537	8/26/1972	Fairbanks			
	BH	3,694,867	10/3/1972	R. J. Stumpf		1	
	BI	3,705,065	12/5/1972	R. J. Stumpf			
	BJ	3,708,361	1/2/1973	R. J. Stumpf			
	BK	3,708,833	1/9/1973	Ribich et al.		1	
	BL	3,720,578	3/13/1973	Heling et al.		7	
	BM	3,741,202	12/26/1973	Morgan			
	BN	3,756,907	9/4/1973	W. Heling		V	
	ВО	3,863,640	7/2/1974	Haverstock			
	BP	3,880,161	2/4/1975	Fossel			
	BQ	3,822,162	4/29/1975	R. J. Stumpf			
	BR	3,945,781	3/23/1976	Doleman			
	BS	3,954,105	5/4/1976	Nordby et al.			
	BT	3,968,803	7/13/1976	Hyman			
	BU	4,056,593	11/1/1977	de Navas Albareda			
	BV	4,074,397	2/21/1978	Rosin			
	BW	4,077,410	3/7/1978	Butterworth et al.			
	BX	4,088,136	5/9/1978	Hasslinger et al.		1	
	BY	4,097,634	6/27/1978	Bergh			
	BZ	4,116,892	9/26/1978	Schwarz		1	
	CA	4,149,540	4/17/1979	Hasslinger	1		
#C	СВ	4,154,885	5/15/1979	Tecl et al.		1	

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Exan Init	niner tial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
LA	(3)	CC	4,154,889	5/15/1979	Platt		1	
1		CD	4,181,127	1/1/1980	Linksy et al.	1		
		CE	4,207,885	6/17/1980	Hampton et al.			
		CF	4,223,059	9/16/1980	Schwarz			
		CG	4,247,967	2/3/1981	Swinton			
		СН	4,258,097	3/24/1981	Benedyk			
		CI	4,261,944	4/14/1981	Hufnagel et al.	l l		
	·	CJ	4,263,906	4/28/1981	Finley			
		CK	4,295,251	10/20/1981	Tatham et al.	N.		
		CL	4,320,167	3/16/1982	Wishman			
		CM	4,363,845	12/14/1982	Hartmann			
		CN	4,377,889	3/29/1983	Tatham et al.			
		СО	4,379,189	4/5/1983	Platt		\	
		СР	4,389,442	6/21/1983	Pickens, Jr. et al.		V	
		CQ	4,391,866	7/5/1983	Pickens, Jr. et al.		A	
		CR	4,399,816	8/23/1983	Spangler		1	
	,,	CS	4,418,104	11/29/1983	Kiyomura et al.			
	,	CT	4,424,250	1/3/1984	Adams et al.			
		CU	4,446,189	5/1/1984	Romanek			
		CV	4,451,314	5/29/1984	Knoke et al.			
		CW	4,451,315	5/29/1984	Miyazaki			•
	-	CX	4,465,486	8/14/1984	Hill		\	
		CY	4,470,410	9/11/1984	Elliott		\	
		CZ	4,490,425	12/25/1984	Knoke et al.		1	
<u></u>		DA	4,522,853	6/11/1985	Szonn et al.		\	
26	1	DB	4,536,439	8/20/1985	Forsten			-
246/		. DC	4,541,154	9/17/1985	Ito		1	

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K. Theodor Krantz et al.

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Group Art Unit

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March 14, 2001

U.S. Patent Documents							
Examiner Initial	Desig.	Patent	Janua Data	Detentes	Class	Cubalasa	Filing Date
	DD	Number 4,569,348	2/11/1986	Patentee Hasslinger	Class	Subclass I	f Appropriate
State					╂—	 	
	DE	4,592,118	6/3/1986	DeWoskin	$+\lambda$	/-	
	DF	4,600,605	7/15/1986	Nakai et al.	$\bot \bot$		
	DG	4,600,618	7/15/1986	Raychok, Jr. et al.			
	DH	4,624,116	11/25/1986	Rogers			
	DI	4,641,643	2/10/1987	Greer	\		
	DJ	4,645,699	2/24/1987	Neveu			
	DK	4,654,246	3/31/1987	Provost et al.		\	·
	DL	4,672,722	6/16/1987	Malamed			
	DM	4,705,710	11/10/1987	Matsuda		\bigvee	
	DN	4,706,914	11/17/1987	Ground		Y I	
	DO	4,709,695	12/1/1987	Kohn et al.		Λ	
	DP	4,732,146	3/22/1988	Fasline et al.			
	DQ	4,739,635	4/26/1988	Conley et al.			
	DR	4,750,443	6/14/1988	Blaustein et al.			
	DS	4,761,318	8/2/1988	Fischer			
	DT	4,775,310	10/4/1988	Ott et al.	T = T		
	DU	4,786,190	11/22/1988	Van Erden et al.	$\top T$		
	DV	4,794,028	12/27/1988	Fischer	\perp		
	DW	4,806,300	2/21/1989	Walton et al.			
	DX	4,815,172	3/28/1989	Ward			
	DY	4,872,243	10/10/1989	Fischer			
	- EA	4,894,060	1/16/1990	Nestegard	11		-
	EB	4,906,108	3/6/1990	Herrington et al.	\prod		
	EC	4,909,243	3/20/1990	Frank et al.			
0	ED	4,913,560	4/3/1990	Herrington			
SP -	EE	4,917,112	4/17/1990	Kalt			

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EMAN			U.S. Pate	nt Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
Jen,	EF	4,920,235	4/24/1990	Yamaguchi			
	EG	4,931,343	6/5/1990	Becker et al.			
	EH	4,931,344	6/5/1990	Ogawa et al.			
	EI	4,933,224	6/12/1990	Hatch			
	EJ	4,939,818	7/10/1990	Hahn			
	EK	4,955,981	9/11/1990	Provost			
	EL	4,972,829	11/27/1990	Knerr			
	EM	4,973,326	11/27/1990	Wood et al.			
	EN	4,981,749	1/1/1991	Kubo et al.			
	EO	4,984,339	1/15/1991	Provost et al.			
	EP	4,986,265	1/22/1991	Caponi			
	EQ	4,992,124	2/12/1991	Kurihara et al.		I	
	ER	4,999,067	3/12/1991	Erb et al.		Y	
	ES	5,015,251	5/14/1991	Cherubini		\wedge	
	ET	5,032,122	7/16/1991	Noel et al.			
	EU	5,033,462	7/23/1991	Storey, Jr. et al.			
	EV	5,048,158	9/17/1991	Koerner	1		
	EW	5,066,289	11/19/1991	Polski			
	EX	5,086,763	2/11/1992	Hathman			
	EY	5,106,362	4/21/1992	Gilman			
	EZ	5,116,563	5/26/1992	Thomas et al.			
	FA	5,131,119	7/21/1992	Murasaki et al.			
	FB	5,133,112	7/28/1992	Gomez-Acevedo	1 7 -		
	FC	5,137,508	8/11/1992	Engman			
	FD	5,142,743	9/1/1992	Hahn			
	FE	5,144,730	9/8/1992	Dilo			
SPC	FF	5,151,320	9/29/1992	Homonoff et al.	1		

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March 14, 2001

MARK GITT			U.S. Pate	nt Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
200	FG	5,152,741	10/6/1992	Farnio)	
	FH	5,167,613	12/1/1992	Karami et al.			
	FI	5,168,603	12/8/1992	Reed			
	FJ	5,172,980	12/22/1992	Provost			
	FK	5,180,534	1/19/1993	Thomas et al.			
	FL	5,200,245	4/6/1993	Brodrick, jr.			
	FM	5,214,942	6/1/1993	Peake, III et al.			
	FN	5,216,790	6/8/1993	Eschenbach			
	FO	5,217,403	6/8/1993	Nobbs			
	FP	5,230,851	7/27/1993	Thomas			
	FQ	5,231,738	8/3/1993	Higashinaka			
	FR	5,234,462	8/10/1993	Pavletic			
	FS	5,238,306	8/24/1993	Heintz et al.		1	
	FT	5,242,632	9/7/1993	Mende		V	
	FU	5,256,231	10/26/1993	Gorman et al.		Λ	
	FV	5,260,015	11/9/1993	Kennedy et al.		/\	
	FW	5,267,453	12/7/1993	Peake, III et al.			
	FX	5,286,111	2/15/1994	Brembilla			
	FY	5,293,884	3/15/1994	Chapman et al.			
	FZ	5,304,162	4/19/1994	Kuen			
	GA	5,318,555	6/7/1994	Siebers et al.			
	GB	5,318,741	6/7/1994	Thomas			
	GC	5,321,855	6/21/1994	Ciuffo	17		
	GD	5,326,612	7/5/1994	Goulait			
	GE	5,339,499	8/23/1994	Kennedy et al.		\	
	GF	5,361,462	11/8/1994	Murasaki			
ASC	GG	5,369,847	12/6/1994	Naya et al.		1	

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Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass,	Filing D
Sec	GH	5,369,852	12/6/1994	Higashinaka			
1	GI	5,380,313	1/10/1995	Goulait et al.			
	GJ	5,382,461	1/17/1995	Wu		1	
	GK	5,383,872	1/24/1995	Roessler et al.		1	
	GL	5,386,595	2/7/1995	Kuen et al.	\		
	GM	5,391,424	2/21/1995	Kolzer	\		
	GN	5,393,475	2/28/1995	Murasaki et al.	1		
	GO	5,403,302	4/4/1995	Roessler et al.			
	GP	5,403,413	4/4/1995	Masuda		\	
i	GQ	5,407,439	4/18/1995	Goulait		\	
	GR	5,407,722	4/18/1995	Peake, III et al.		\bigvee	
	GS	5,415,626	5/16/1995	Goodman et al.		Λ	
	GT	5,423,789	6/13/1995	Kuen		/\	
	GU	5,431,622	7/11/1995	Pyrozyk et al.		/ \	
	GV	5,437,621	8/1/1995	Andrews et al.			
	GW	5,437,623	8/1/1995	McClees et al.			
	GX	5,441,687	8/15/1995	Murasaki et al.			
	GY	5,447,590	9/5/1995	Gilpatrick			
	GZ	5,449,340	9/12/1995	Tollini			
	НА	5,449,530	9/12/1995	Peake, III et al.			
	HB	5,452,877	9/26/1995	Riffle et al.			
	НС	5,456,660	10/10/1995	Reich et al.			
	HD	5,470,417	11/28/1995	Goulait	- ·		
	HE	5,476,702	12/19/1995	Datta et al.			
	HF	5,480,719	1/2/1996	Tollini			
	HG	5,500,268	3/19/1996	Billarant			
100	НН	5,512,234	4/30/1996	Takizawa et al.			
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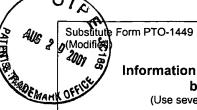
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RKS			U.S. Pate	nt Documents			
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HPC	HI	5,518,795	5/21/1996	Kennedy et al.	1	1	
1	HJ	5,531,732	7/2/1996	Wood			
	HK	5,535,787	7/16/1996	Howell			
	HL	5,537,720	7/23/1996	Takizawa et al.			
	НМ	5,542,942	8/6/1996	Yoshida et al.			
	HN	5,537,723	7/23/1996	Kline et al.			-
	НО	5,547,531	8/20/1996	Allen et al.	1		
	HP	5,554,239	9/10/1996	Datta et al.			
	HQ	5,556,375	9/17/1996	Ewall		1	
	HR	5,565,255	10/15/1996	Young et al.		1	
	HS	5,569,233	10/29/1996	Goulait			
	НТ	5,580,346	12/3/1996	Spier		1	•
	HU	5,586,371	12/24/1996	Thomas		V	# · · ·
	HV	5,595,014	1/21/1997	Moore		X	
	HW	5,595,567	1/21/1997	King et al.		Λ	
	HX	5,603,145	2/18/1997	Arakawa et al.		Λ	······································
	HY	5,603,946	2/18/1997	Constantine			
	IA	5,604,961	2/25/1997	Cole			
	IΒ	5,605,729	2/25/1997	Mody et al.			,
	IC	5,606,781	3/4/1997	Provost et al.			
	ID	5,611,791	3/18/1997	Gorman et al.			
	IE	5,614,232	3/25/1997	Torigoe et al.			
	IF	5,614,281	3/25/1997	Jackson et al.			
	IG	5,615,460	4/1/1997	Welrich et al.			
	IH	5,616,155	4/1/1997	Kronzer		1	· · ·
	II	5,616,394	4/1/1997	Gorman et al.		1	
BC-	IJ	5,618,583	4/8/1997	Young et al.	1/		\

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De	IK	5,620,769	4/15/1997	Wessels et al.	1		
1	IL	5,620,779	4/15/1997	Levy et al.			
	IM	5,622,578	4/22/1997	Thomas			
	IN	5,624,427	4/29/1997	Bergman et al.			
	IO	5,624,429	4/29/1997	Long et al.			
	IP	5,637,080	6/10/1997	Geng			
	IQ	5,647,864	7/15/1997	Allen et al.			
	IR	5,654,070	8/5/1997	Billarant			
	IS	5,656,111	8/12/1997	Dilnik et al.			
	IT	5,657,517	8/19/1997	Akeno et al.			
	ΙU	5,664,302	9/9/1997	Thomas			
	IV	5,662,599	9/2/1997	Reich et al.			
	IW	5,669,120	9/23/1997	Wessels et al.		7	
	IX	5,669,900	9/23/1997	Bullwinkel et al.		V	
	IY	5,669,901	9/23/1997	LaFortune et al.		X	
	IZ	5,672,404	9/30/1997	Callahan, Jr. et al.		Λ	
	JA	5,685,756	11/11/1997	Noda			
	JВ	5,695,377	12/9/1997	Triebes et al.			
	JC	5,699,593	12/23/1997	Jackson			
	Ъ	5,700,340	12/23/1997	Johnson et al.			
	JЕ	5,702,356	12/30/1997	Hathman		1	
	JF	5,707,707	1/13/1998	Burnes et al.			
	JG	5,722,968	3/3/1998	Datta et al.	1		
	ЛН	5,736,214	4/7/1998	Billarant			
	Л	5,747,584	5/5/1998	Noda			
	JJ	5,755,015	5/26/1998	Akeno et al.	17	1	
480	JК	5,769,806	6/23/1998	Radow			

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Application No. 09/808,395

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

Applicant K. Theodor Krantz et al.

Filing Date

Group Art Unit

98(b))

March 14, 2001

Examiner Design Patent ID Number Issue Date Patentee Class Subclass Filing Date IT ID ID	U.S. Patent Documents							
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U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 05918-117001

Application No. 09/808,395

Information Disclosur Statement by Applicant
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Applicant K. Theodor Krantz et al.

Filing Date

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